WHAT IS CLAIMED IS

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1. A Web page creation apparatus comprising:

a Web page creation unit creating a Web page having operation items, the Web page creation unit creating the Web page based on operation-item display information, which is defined for a device where the Web page is displayed or a user of the device to indicate whether the displaying of each operation item is needed, so that some of the operation items the displaying of which is needed are displayed.

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2. The Web page creation apparatus according to claim 1 wherein the Web page creation unit comprises:

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an operation-item style information creation unit creating first style information for each of the operation items the displaying of which is needed, based on the operation-item display information; and

an operation-item creation unit creating the operation items in the Web page according to the first style information

created by the operation-item style information creation unit.

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3. The Web page creation apparatus according to claim 2 wherein the operation-item style information creation unit is provided to create the first style information by making reference to the operation-item display information.

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4. The Web page creation apparatus according to claim 2
wherein the first style information is a data of XSL format.

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5. The Web page creation apparatus according to claim 2 further comprising a second style information management unit managing second style information for all the operation items that can be displayed in the Web page, wherein the operation-item style information creation unit is provided to create the first style information by extracting style information corresponding to each of

the operation items the displaying of which is needed by the operation-item display information, from the second style information managed by the second style information management unit.

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6. The Web page creation apparatus according to claim 5
wherein the second style information is a data of XSL format.

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7. The Web page creation apparatus according to claim 5 wherein the operation-item style information creation unit comprises a third style information creation unit creating third style information, which is used to extract the style information corresponding to each of the operation items the displaying of which is needed by the operation-item display information, from the second style information, and the operation-item style information creation unit is provided to create the first style information by applying the third style information, created by the third style information creation unit, to the second style information.

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8. The Web page creation apparatus according to claim 7 wherein the third style information is a data of XSL format.

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9. The Web page creation apparatus according to claim 2 further comprising a processing identification data management unit managing processing identification information for identifying processing to be performed when one of the operation items is chosen, wherein the operation-item creation unit is provided to create each of the operation items by applying the first style information to the processing identification information managed by the processing identification data management unit, so that the processing identified by the processing identification information corresponding to the chosen operation item is performed.

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10. The Web page creation apparatus according to claim 1 further comprising:

a request receiving unit receiving a request of acquisition of the Web page from the device and causing the Web page creation unit to create the Web page based on the request of

acquisition of the Web page; and

a Web page transmitting unit transmitting the Web page, created by the Web page creation unit, to the device.

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11. A Web page creation apparatus comprising:

a Web page creation unit creating a Web page having operation items corresponding to functions of an external device; and

an inquiry unit transmitting an inquiry about usable functions of the external device to the external device,

wherein the Web page creation unit creates the Web page based on both operation-item display information, which is defined for a device where the Web page is displayed or a user of the device to indicate whether displaying of each operation item is needed, and usable function identification information, which is received from the external device in response to the inquiry of the inquiry unit and indicates the usable functions of the external device, so that the operation items corresponding to the usable functions of the external device are displayed.

12. The Web page creation apparatus according to claim
11 wherein the Web page creation unit is provided to create the Web
page so that the operation items corresponding to the usable
functions of the external device indicated by the usable function
identification information, among the operation items the displaying
of which is needed by the operation-item display information, are
displayed.

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13. The Web page creation apparatus according to claim11 wherein the Web page creation unit comprises:

an operation-item style information creation unit creating first style information for each of the operation items the displaying of which is needed, based on the operation-item display information; and

an operation-item creation unit creating the operation items in the Web page by applying the first style information created by the operation-item style information creation unit, to the usable function identification information.

14. The Web page creation apparatus according to claim
13 wherein the operation-item style information creation unit is
provided to create the first style information by making reference to
the operation-item display information.

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15. The Web page creation apparatus according to claim
 10 13 wherein the first style information is a data of XSL format.

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16. The Web page creation apparatus according to claim 13 further comprising a second style information management unit managing second style information for all the operation items that can be displayed in the Web page, wherein the operation-item style information creation unit is provided to create the first style information by extracting style information corresponding to each of the operation items the displaying of which is needed by the operation-item display information, from the second style information managed by the second style information management unit.

17. The Web page creation apparatus according to claim
16 wherein the second style information is a data of XSL format.

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18. The Web page creation apparatus according to claim 16 wherein the operation-item style information creation unit comprises a third style information creation unit creating third style information, which is used to extract the style information corresponding to each of the operation items the displaying of which is needed by the operation-item display information, from the second style information, and the operation-item style information creation unit is provided to create the first style information by applying the third style information, created by the third style information creation unit, to the second style information.

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19. The Web page creation apparatus according to claim
18 wherein the third style information is a data of XSL format.

20. The Web page creation apparatus according to claim
13 wherein the operation-item creation unit is provided to create
each of the operation items by applying the first style information to
the usable function identification information, so that processing,
concerning the function identified by the usable function
identification information corresponding to the operation item
concerned, is performed when one of the operation items is chosen.

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- 21. The Web page creation apparatus according to claim 11 further comprising:
- a request receiving unit receiving a request of

 acquisition of the Web page from the device and causing the Web

 page creation unit to create the Web page based on the request of

 acquisition of the Web page; and
 - a Web page transmitting unit transmitting the Web page, created by the Web page creation unit, to the device.

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22. The Web page creation apparatus according to claim
11 wherein the inquiry unit is provided to transmit the inquiry about

the usable functions to the external device in accordance with SOAP.

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23. A Web page creation apparatus comprising:

a Web page creation unit creating a Web page having operation items corresponding to functions of different external devices respectively; and

a permitted-function inquiry unit transmitting an inquiry about allowability of execution of a corresponding one of the functions for one of the operation items, to each of the external devices,

wherein the Web page creation unit creates the Web page based on both operation-item display information, which is defined for a device where the Web page is displayed or a user of the device to indicate whether displaying of each operation item is needed, and permitted-function identification information, which is received from the external devices in response to the inquiry of the permitted-function inquiry unit and indicates the allowability of execution of each of the functions, so that the operation items corresponding to the permitted functions of the external devices are displayed.

24. The Web page creation apparatus according to claim 23 wherein the Web page creation unit is provided to create the Web page so that the operation items corresponding to the permitted functions of the external devices indicated by the permitted-function identification information, among the operation items the displaying of which is needed by the operation-item display information, are displayed.

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25. The Web page creation apparatus according to claim 23 wherein the Web page creation unit comprises:

an operation-item style information creation unit creating first style information for each of the operation items the displaying of which is needed, based on the operation-item display information; and

an operation-item creation unit creating the operation items in the Web page by applying the first style information created by the operation-item style information creation unit, to the permitted-function identification information.

26. The Web page creation apparatus according to claim 25 wherein the operation-item style information creation unit is provided to create the first style information by making reference to the operation-item display information.

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27. The Web page creation apparatus according to claim
 25 wherein the first style information is a data of XSL format.

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28. The Web page creation apparatus according to claim 25 further comprising a second style information management unit managing second style information for all the operation items that can be displayed in the Web page, wherein the operation-item style information creation unit is provided to create the first style information by extracting style information corresponding to each of the operation items the displaying of which is needed by the operation-item display information, from the second style information management unit.

29. The Web page creation apparatus according to claim 28 wherein the second style information is a data of XSL format.

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30. The Web page creation apparatus according to claim 28 wherein the operation-item style information creation unit comprises a third style information creation unit creating third style information, which is used to extract the style information corresponding to each of the operation items the displaying of which is needed by the operation-item display information, from the second style information, and the operation-item style information creation unit is provided to create the first style information by applying the third style information, created by the third style information creation unit, to the second style information.

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31. The Web page creation apparatus according to claim 30 wherein the third style information is a data of XSL format.

32. The Web page creation apparatus according to claim 25 further comprising a function identification data management unit managing function identification information for identifying a corresponding one of the functions for one of the operation items wherein the operation-item creation unit is provided to create each of the operation items by applying the first style information to the function identification information, so that, when one of the operation items is chosen, processing concerning the function identified by the function identification information corresponding to the chosen operation item is performed.

33. The Web page creation apparatus according to claim 32 wherein the Web page creation unit is provided to create extraction function identification information by extracting the function identification information, corresponding to the functions the allowability of execution of which is indicated by the permitted-function identification information, from the function identification data management unit, and the operation-item creation unit creates the operation items by applying the first style information to the extraction function identification information.

34. The Web page creation apparatus according to claim 32 wherein the function identification data management unit further manages external-device identification information which identifies one of the external devices used as a location to which the inquiry about the allowability of execution of the corresponding function for one of the operation items is transmitted, and the permitted-function inquiry unit determines said one of the external devices based on the external-device identification information.

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35. The Web page creation apparatus according to claim 23 further comprising:

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a request receiving unit receiving a request of acquisition of the Web page from a device and causing the Web page creation unit to create the Web page based on the request of acquisition of the Web page; and

a Web page transmitting unit transmitting the Web page, created by the Web page creation unit, to the device.

23 wherein the permitted-function inquiry unit is provided to transmit the inquiry about the allowability of execution of the corresponding function for one of the operation items to each external device in accordance with SOAP.

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37. A method of controlling Web page creation in a Web

page creation apparatus which creates a Web page having operation

items, comprising steps of:

creating first style information for each of the operation items displaying of which is needed, based on operation-item display information which is defined for a device on which the Web page is displayed or a user of the device to indicate whether the displaying of each operation item is needed; and

creating the operation items in the Web page according to the first style information created in the first creating step, so that some of the operation items the displaying of which is needed are displayed.

extracting step is provided to create the first style information by extracting style information corresponding to each of the operation items the displaying of which is needed by the operation-item display information, from second style information for all the operation items that can be displayed in the Web page.

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39. The method according to claim 38 wherein the first creating step includes a step of creating third style information, which is used to extract the style information corresponding to each of the operation items the displaying of which is needed by the operation-item display information, from the second style information, and the first creating step is provided to create the first style information by applying the third style information created in the third creating step, to the second style information.

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40. The method according to claim 37 wherein the second creating step is provided to create each of the operation items by applying the first style information to processing identification information for identifying processing to be performed

when one of the operation items is chosen, so that the processing identified by the processing identification information corresponding to the chosen operation item is performed.

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41. A method of controlling Web page creation in a Web page creation apparatus which creates a Web page having operation items corresponding to functions of an external device, comprising steps of:

transmitting an inquiry about usable functions of the external device to the external device,

display information, which is defined for a device where the Web page is displayed or a user of the device to indicate whether displaying of each operation item is needed, and usable function identification information, which is received from the external device in response to the inquiry and indicates the usable functions of the external device, so that the operation items corresponding to the usable functions of the external device are displayed.

42. The method according to claim 41 wherein the creating step includes:

creating first style information for each of the operation items the displaying of which is needed, based on the operation-item display information; and

applying the first style information created in the first style information creating step, to the usable function identification information.

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43. The method according to claim 42 wherein the first style style information creating step is provided to create the first style information by extracting style information corresponding to each of the operation items the displaying of which is needed by the operation-item display information, from second style information for all the operation items that can be displayed in the Web page.

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44. The method according to claim 43 wherein the first style information creating step is provided to create the first style

information by applying third style information, which is used to extract the style information corresponding to each of the operation items the displaying of which is needed by the operation-item display information, from the second style information, to the second style information.

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45. A method of controlling Web page creation in a Web page creation apparatus which creates a Web page having operation items corresponding to functions of different external devices respectively, comprising steps of:

transmitting an inquiry about allowability of execution of a corresponding one of the functions for one of the operation items, to each of the external devices; and

display information, which is defined for a device where the Web page is displayed or a user of the device to indicate whether displaying of each operation item is needed, and permitted-function identification information, which is received from the external devices in response to the inquiry and indicates the allowability of execution of each of the functions, so that the operation items corresponding to the permitted functions of the external devices are displayed.

46. The method according to claim 45 wherein the Web page creating step includes:

creating first style information for each of the operation items the displaying of which is needed, based on the operation-item display information; and

creating the operation items in the Web page by applying the created first style information to the permitted-function identification information.

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47. The method according to claim 46 wherein the first style information is created by extracting style information corresponding to each of the operation items the displaying of which is needed by the operation-item display information, from second style information for all the operation items that can be displayed in the Web page.

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48. The method according to claim 47 wherein the operation-item creating step includes creating third style information, which is used to extract the style information corresponding to each

of the operation items the displaying of which is needed by the operation-item display information, from the second style information, and the operation-item creating step is provided to create the first style information by applying the created third style information to the second style information.

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49. The method according to claim 46 wherein each of the operation items is created by applying the first style information to function identification information for identifying a corresponding one of the functions for one of the operation items, so that, when one of the operation items is chosen, processing concerning the function identified by the function identification information corresponding to the chosen operation item is performed.

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50. The method according to claim 49 wherein extraction function identification information is created by extracting the function identification information, corresponding to the functions the allowability of execution of which is indicated by the permitted-function identification information, from the function

identification information, and the operation items are created by applying the first style information to the extraction function identification information.

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51. A computer program product embodied therein to cause a computer to execute a Web page creation method which creates a Web page having operation items, the method comprising steps of:

creating first style information for each of the operation items displaying of which is needed, based on operation-item display information which is defined for a device on which the Web page is displayed or a user of the device to indicate whether the displaying of each operation item is needed; and

creating the operation items in the Web page according to the first style information created in the first creating step, so that some of the operation items the displaying of which is needed are displayed.

51 wherein the first creating step is provided to create the first style information by extracting style information corresponding to each of the operation items the displaying of which is needed by the operation-item display information, from second style information for all the operation items that can be displayed in the Web page.

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53. A computer program product embodied therein to cause a computer to execute a Web page creation method which creates a Web page having operation items corresponding to functions of an external device, the method comprising steps of:

transmitting an inquiry about usable functions of the external device to the external device; and

display information, which is defined for a device where the Web page is displayed or a user of the device to indicate whether displaying of each operation item is needed, and usable function identification information, which is received from the external device in response to the inquiry and indicates the usable functions of the external device, so that the operation items corresponding to the usable functions of the external device are displayed.

54. The computer program product according to claim 53 wherein the creating step includes:

creating first style information for each of the operation items the displaying of which is needed, based on the operation-item display information; and

applying the first style information created in the first style information creating step, to the usable function identification information.

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55. A computer program product embodied therein to

cause a computer to execute a Web page creation method which

creates a Web page having operation items corresponding functions

of different external devices respectively, the method comprising

steps of:

transmitting an inquiry about allowability of execution of a corresponding one of the functions for one of the operation items, to each of the external devices; and

display information, which is defined for a device where the Web page is displayed or a user of the device to indicate whether displaying of each operation item is needed, and permitted-function

identification information, which is received from the external devices in response to the inquiry and indicates the allowability of execution of each of the functions, so that the operation items corresponding to the permitted functions of the external devices are displayed.

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56. The computer program product according to claim
55 wherein the Web page creating step includes:

creating first style information for each of the operation items the displaying of which is needed, based on the operation-item display information; and

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creating the operation items in the Web page by applying the created first style information to the permitted-function identification information.

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- 57. An information processing device including a builtin communication device which communicates with an external device connected via a network, comprising:
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a Web page creation unit creating a Web page having

operation items corresponding to functions of the external device; and

a display unit displaying the Web page created by the Web page creation unit,

wherein the Web page creation unit creates the Web page based on both operation-item display information, which is defined for a device where the Web page is displayed or a user of the device to indicate whether displaying of each operation item is needed, and usable function identification information, which is received from the external device in response to an inquiry from the communication device and indicates the usable functions of the external device, so that the operation items corresponding to the usable functions of the external device are displayed.

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58. An information processing device including a builtin communication device which communicates with a plurality of external devices connected via a network, comprising:

a Web page creation unit creating a Web page having operation items corresponding to functions of the external devices respectively; and

a display unit displaying the Web page created by the Web page creation unit,

wherein the Web page creation unit creates the Web page based on both operation-item display information, which is defined for a device where the Web page is displayed or a user of the device to indicate whether displaying of each operation item is needed, and permitted-function identification information, which is received from the external devices in response to an inquiry from the communication device and indicates the allowability of execution of each of the functions, so that the operation items corresponding to the permitted functions of the external devices are displayed.

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59. A Web page creation apparatus comprising:

a Web page creation unit creating a Web page:

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a first storage unit managing common information which is defined in common for two or more users to indicate operation

items being displayed in the Web page;

a second storage unit managing individual information which is defined for each user to indicate operation items the displaying of which is unneeded, among all the operation items defined in the common information,

wherein the Web page creation unit is provided to create the Web page so that the operation items, extracted from all the operation items of the common information based on the individual information are displayed.